

GP-302421

ONE-WAY TORQUE TRANSMITTER
WITH A FRICTION ACTUATING APPARATUS

ABSTRACT OF THE DISCLOSURE

A torque-to-thrust apparatus includes a one-way mechanism permitting free application of rotation to torque. A friction plate disposed between a portion of a one-way device and a stationary member of the

5 torque-to-thrust apparatus inhibits reverse rotation at a predetermined torque level, which will maintain the thrust member of the torque-to-thrust apparatus in an engaged condition until a predetermined load is applied to the rotary side of the torque-to-thrust apparatus to overcome the friction load.